



**RELIANCE INDUSTRIES**

**REMOVABLE CONTAINER MIXERS**

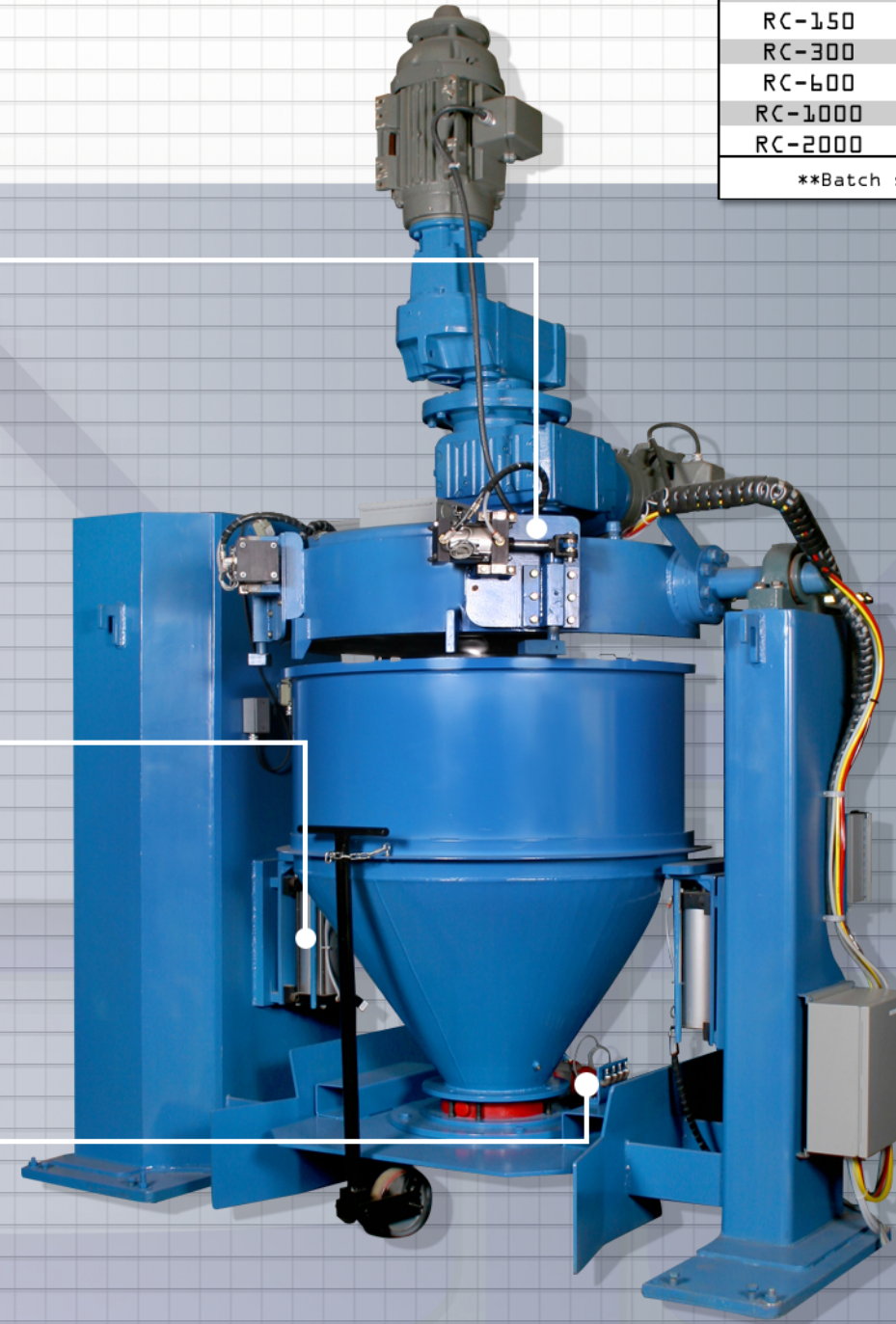
**RC SERIES**



- **18 month warranty**
- **24-hour technical support**

MODEL	TOTAL CAPACITY		OPERATING CAPACITY		BATCH SIZE**		MOTOR HP	
	LITERS	CU.FT.	LITERS	CU.FT.	KGS.	LBS.	TOP TOOL	BOTTOM TOOL
RC-10	10	.35	8	.3	4.3	9.46	2	4
RC-40	40	1.4	32	1.1	16.5	36.3	3	5
RC-150	150	5.3	120	4.24	61.5	135.3	4	10
RC-300	300	10.6	240	8.48	123	270.6	7.5	10
RC-600	600	21.1	480	17	246	541.2	15	20
RC-1000	1000	35.3	800	28.3	410	902	20	40
RC-2000	2000	70.6	1600	56.6	820	1804	30	50

\*\*Batch size and HP requirements may vary with the bulk density (32 lbs./cu.ft. used for tables)



**Clamps**

- Pneumatically operated cam type clamps
- Low maintenance

**Hopper Lifting Mechanism**

- Two pneumatic cylinders lift the hopper into the clamping position

**Injection Ports**

- Nitrogen purge helps create an inert and controlled mixing environment
- Liquid injection allows for thorough distribution during mixing cycle

### Standard Features

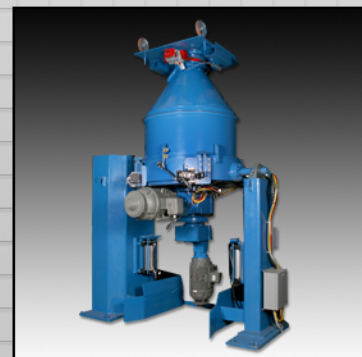
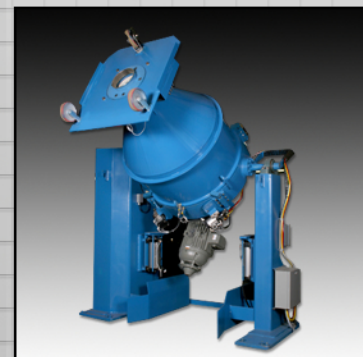
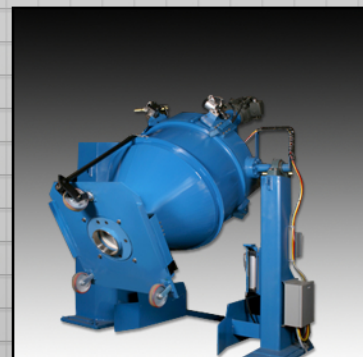
- Air purge shaft seals
- Jacketed mixing head
- Venting device
- Controls for each operation
- Temperature sensors
- Rigid dual pedestal construction
- Variable frequency drives
- Highly polished mixing head at container
- Precise rotation of mixing head as controlled by optical encoder

### Available Options

- Touch screen controls  
Allows for recipe storage. Operator simply enters recipe number/name and all operating parameters are automatically loaded.
- Jacketed containers  
Allows for cooling medium to circulate throughout the hopper during the mixing process.
- Dual independent drives  
Each mixing tool is independently driven, allowing for infinite speed combinations.

### Mixer Accessories

- Dust Free Charging And Discharging Stations
- Automated Cleaning Station





<b>GENERAL APPLICATION</b>	<b>INDUSTRY</b>
<ul style="list-style-type: none"><li>• <b>Homogenized &amp; Heated Mixing</b></li><li>• <b>Drying &amp; Degassing</b></li><li>• <b>Fusing</b></li><li>• <b>Surface Coloring</b></li><li>• <b>Densifying</b></li><li>• <b>Agglomerating</b></li><li>• <b>Grinding &amp; Pulverizing</b></li><li>• <b>Dissolving &amp; Melting</b></li><li>• <b>Preparation of Master Batches</b></li></ul>	<ul style="list-style-type: none"><li>• <b>Plastic Processing</b></li><li>• <b>Powder Coating and Toner</b></li><li>• <b>Food and Pharmaceutical</b></li><li>• <b>Cosmetics</b></li><li>• <b>Liquid Paints</b></li><li>• <b>Rubber</b></li><li>• <b>Wood Composites</b></li><li>• <b>Chemical</b></li></ul>



## **RELIANCE INDUSTRIES**

**1900 FM 1092**

**Missouri City, Texas 77459**

**PH: 281-499-9926 / (800) 353-0472/ FAX: 281-499-4308**

**[www.reliancemixers.com](http://www.reliancemixers.com)**

**EMAIL: [sales@reliancemixers.com](mailto:sales@reliancemixers.com)**